

CLAIMS

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1. Multiparticulate pharmaceutical form, in particular multiparticulate tablet, characterised in that it consists of a plurality of particles, preferably spheroids having a coating based on at least one disintegrating agent and at least one binding agent and optionally at least one active substance and consolidated with one another by compression, said particles or spheroids in which an active substance is distributed within a thermoplastics material having been obtained by hot extrusion without solvent of a mixture of the active substance with the thermoplastics material and chopping the filament or extrudate leaving the extrusion die.

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2. Particles, preferably spheroidal particles, characterised in that they are the result of chopping a filament or extrudate obtained by hot extrusion without a solvent of a mixture of an active substance and a thermoplastics material and coating the particles obtained by chopping with a coating including at least one disintegrating agent and possibly including a binding agent and optionally an active substance.

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3. Method of making particles, in particular spheroids with a constant diameter in the range from 0.5 mm to 2 mm, including an active substance and having a controlled and predetermined active substance release curve, and which includes successively:

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- a step of selecting an active substance and a thermoplastics material, including at least one polymer excipient and at least one plasticiser,

- a step of mixing the active substance and the thermoplastics material,

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- a step of extruding the mixture without solvent at a controlled temperature to produce at least one extruded filament or extrudate,

- a step of chopping the extrudate into particles, characterised in that it includes a step of maturing the mixture of the active substance and the thermoplastics material before extrusion at a temperature and for a time
5 chosen according to the characteristics of the intended active principle release curve and respectively in the range from 20°C to 70°C and in the range from 30 minutes to 150 hours, whereby it becomes possible to store the mixture of the active substance and the thermoplastics
10 material for up to 7 days before extruding it and to increase the quantity of active substance for a given release curve without increasing the volume of the tablet.

4. Plant for making spheroids according to claim
15 2, characterised in that it comprises an extruder having at the exit from the extrusion die a tool for chopping the extruded filament or extrudate equipped with cutters having the shape shown in figures 1 and 2.

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B1*

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D1*